

To: Schmittiel, Paula[Schmittiel.Paula@epa.gov]; Coursen, Robin[Coursen.Robin@epa.gov]; Fassero, Christopher A NWO[Christopher.A.Fassero@usace.army.mil]
From: Darling, Mary N NWO
Sent: Thur 7/31/2014 4:35:04 PM
Subject: RE: Draft SOW for Generic IA for Upper Animas River watershed (UNCLASSIFIED)
vol1_chapB_Fig2.pdf

Classification: UNCLASSIFIED

Caveats: NONE

Paula - (Just got here - had a Dr. appoint. this am.) Is this the figure you wanted?

Mary N. Darling
Project Manager
402-995-2116
bby: 402-216-4253

-----Original Message-----

From: Schmittiel, Paula [mailto:Schmittiel.Paula@epa.gov]
Sent: Wednesday, July 30, 2014 6:06 PM
To: Darling, Mary N NWO; Coursen, Robin; Fassero, Christopher A NWO
Subject: [EXTERNAL] FW: Draft SOW for Generic IA for Upper Animas River watershed
(UNCLASSIFIED)

Here is my amended SOW. I didn't attach the map that I referenced that you had in your email Mary b/c I don't know how to extract just the 1 map. If you do, can you send it. Thanks.

Paula Schmittiel
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U.S. Environmental Protection Agency
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Denver, CO 80202
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Cell: 720-951-0795

From: Schmittiel, Paula
Sent: Wednesday, July 30, 2014 4:33 PM
To: 'Darling, Mary N NWO'; Coursen, Robin
Cc: Fassero, Christopher A NWO
Subject: RE: Draft SOW for Generic IA for Upper Animas River watershed (UNCLASSIFIED)

Mary - Good point. Here are my responses to your Qs in RED below.

Paula Schmittdiel

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-----Original Message-----

From: Darling, Mary N NWO [mailto:Mary.N.Darling@usace.army.mil]
Sent: Wednesday, July 30, 2014 3:50 PM
To: Schmittdiel, Paula; Coursen, Robin
Cc: Darling, Mary N NWO; Fassero, Christopher A NWO
Subject: RE: Draft SOW for Generic IA for Upper Animas River watershed (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

What are the boundaries of the study area for the literature search, does it include all the Upper Animas Water shed in both San Juan County and La Plata County Colorado? I'm inclined to cut it off at A-72 - USGS gaging station below Silverton on the Animas river before it goes into the canyon. We may need to go beyond that but certainly not to NM. I would include Cement Creek, Mineral Creek and the Animas above Silverton as part of the scope. Most of what is below Silverton is within the national forest and wilderness area so I don't think there is a lot of data to gather from that area.

Should we include a map limiting of the literature search area like figures 2 or 4 from the USAGS study? Yes - I would use the 2nd map as a starting point. There are tons of maps already so I hope we can keep the map generation to a minimum or use what already exists.

Do you want the contractor to also search the data from the Animas in New Mexico? No - not now. We're

going to be collecting WQ data closer to Durango this fall and winter and will expand our scope of investigation based on those results.

Besides the internet search, the contractor will need to go to the county seats, museums and historical centers, etc, to look for the older mining documents, right? I think some companies specialize in digging up old newspapers on data such as past mining in these 2 counties. Do we want to old newspaper mining data? I don't think I was thinking of that old of historic data - maybe we start with the last 25-30 years and then extend backwards if necessary. As far searching the internet, I think we can confine it to the webpages of the state and federal agencies that I listed - some of this will be contacting these agencies to look thru their files that are not available on their web page. Historical centers and museums are less likely altho' I think the San Juan County museum in Silverton may have some good mining maps of the workings - if you know how to read those things.

I will edit the SOW a bit to address some of your points.

Mary N. Darling

Project Manager

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-----Original Message-----

From: Schmittdiel, Paula [mailto:Schmittdiel.Paula@epa.gov <mailto:Schmittdiel.Paula@epa.gov>]

Sent: Wednesday, July 30, 2014 4:32 PM

To: Coursen, Robin; Darling, Mary N NWO

Subject: [EXTERNAL] RE: Draft SOW for Generic IA for Upper Animas River watershed

Robin - Thanks for the comments. Please take a look at what I've added and see if this clarifies things. Thanks.

Paula Schmittdiel

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From: Courses, Robin

Sent: Wednesday, July 30, 2014 2:58 PM

To: Schmittdiel, Paula; Darling, Mary N NWO

Subject: RE: Draft SOW for Generic IA for Upper Animas River watershed

I just had a couple of comments.

Robin Rohn Coursen

U.S. EPA Region 8

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From: Schmittdiel, Paula

Sent: Wednesday, July 30, 2014 2:37 PM

To: Darling, Mary N NWO; Coursen, Robin

Subject: Draft SOW for Generic IA for Upper Animas River watershed

Here is a draft SOW for the Generic IA for the Upper Animas River watershed for the 1st step of a "remedial-like" investigation. Please feel free to edit as you see fit.

One area that I did not scope was hours for this work - I really don't know what it will take but my guess is

that it could take up to 400+ hours but I could be off +/- 200 hours.

Robin - I know there are probably a number of required "canned" paragraphs for reporting, QA, T/Cs, etc. that hopefully you can fill in. I am here tomorrow (Th) but out on Friday and here next week. And then I'm out for a week at a conference in Albuquerque, NM and won't have a lot of time to review/respond to email. Hopefully, we can get this in the hopper and get \$\$ obligated.

If you have Qs, please let me know. Thank you.

Paula Schmittdiel

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